

OCULUS LED MINI UGR 15900LM 840 IP66 I CL. SP10KV 109W

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|-------------------------|
| Ingress protection: | IP66 |
| Impact resistance: | IK08 |
| Rated power of the luminaire [W]*: | 109 |
| Luminous flux [lm]*: | 15900 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | >80 |
| SDCM: | ≤ 3 |
| Electrical protection class: | I |
| Material of the body: | powder coated aluminium |
| Diffuser material: | PC |

CHARACTERISTICS

A HIGH-BAY luminaire from the NEXT GEN product line, constituting a new generation of luminaires dedicated to LED technology. The designed-from-scratch body – made of die-cast aluminium and powder-coated – uses natural conduction and convection processes, which have a positive effect on the luminaire's heat management. The shape of the body with an integrated, effective heat sink and high-quality materials ensure maximum heat dissipation from the LED module. The driver's external compartment, separated from the body, guarantees optimal thermal working conditions for the power supply system. This enables the luminaire to work at an ambient temperature of max 55°C. LEDs from a reputable manufacturer and new LED modules enable very high luminous efficiency. This guarantees that the required lighting level and significant energy savings are achieved. The diffuser and optical system are composed of precise lenses made of polycarbonate (PC). Standard equipped with a 0.3 m long H07RN-F cable terminated with an additional male and female connector, which makes the assembly easier and more convenient. Its design is adapted for suspended mounting and surface mounting (ceiling and wall) requiring the use of additional accessories.

A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare affecting well-being, reducing fatigue and fewer mistakes.

APPLICATION

The luminaire is designed for suspended mounting using chains, ropes, etc. and with the use of additional accessories also surface-mounted (ceiling and wall) indoors. It works perfectly in factories and production halls as well as large-scale warehouses and logistics centers.

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TECHNICAL PARAMETERS TABLE

| | | | |
|--|-------------|-----------------------------------|---|
| Index: | 561313 | Diffuser colour: | transparent |
| Rated power of the luminaire [W]: | 109 | Optics material: | PC |
| Luminous flux [lm]: | 15900 | Optics: | lens |
| Supply voltage [V]: | 220 - 240 | Material of the body: | powder coated aluminium |
| Frequency [Hz]: | 50 - 60 | Colour of the body: | grey |
| Luminous efficacy [lm/W]: | 146 | Dimensions (H/W/T/S) [mm]: | 107/320 |
| Energy efficiency class: | C | Impact resistance: | IK08 |
| Electrical protection class: | I | Ingress protection: | IP66 |
| Colour temperature [K]: | 4000 | Mounting version: | surface, suspended |
| Colour rendering index: | >80 | Working temperature [°C]: | 55 |
| SDCM: | ≤ 3 | Cable length [m]: | 0.30 |
| Power factor: | 0.98 | Net weight [kg]: | 2.330 |
| LED lifespan L70B50 [h]: | 196000 | Warranty [years]: | 5 |
| LED lifespan L80B20 [h]: | 123000 | Warranty [years]: | 5 |
| LED lifespan L90B10 [h]: | 60000 | CE certificate: | 157/2023 |
| Beam angle [°]: | 55 | PZH certificate: | B-BK-60212-0481/21 |
| Surge protection [kV]: | 10 | Manual: | Download PDF |
| Diffuser material: | PC | Additional accessories: | OCULUS LED MINI- RCR sensor - complete (967054) |
| Diffuser type: | transparent | | |

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ACCESSORIES AVAILABLE

| index | Name |
|---------|---|
| 964886 | OCULUS LED - universal handle |
| 964893 | OCULUS LED - surface mounting handle |
| WSEL438 | WSEL438 HD01R Remote control for motion sensor |
| WSEL415 | WSEL415 Remote control for - PIR sensor |
| 967054 | OCULUS LED MINI- RCR sensor -complete |
| 967047 | OCULUS LED MINI- PIR / RCR DALI sensor complete |
| 561399 | OCULUS LED MINI- safety net kit |
| 561382 | OCULUS LED- safety net kit |



OCULUS LED - universal handle (964886)



OCULUS LED - surface mounting handle (964893)



WSEL438 HD01R Remote control for motion sensor (WSEL438)



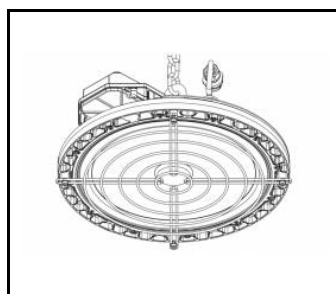
WSEL415 Remote control for - PIR sensor (WSEL415)



OCULUS LED MINI- RCR sensor - complete (967054)



OCULUS LED MINI- PIR / RCR DALI sensor complete (967047)



OCULUS LED MINI- safety net kit (561399)



OCULUS LED- safety net kit (561382)

Card creation date: 09 July 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 157/2023